

In the Claims

Please add new Claims 27-36.

27. (New) A method for raising NO:hemoglobin in red blood cells in a mammal, comprising administering to the mammal a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
28. (New) A method for alleviating the effects of a medical intervention in a human, said intervention resulting in a low NO:hemoglobin ratio in red blood cells, said method comprising administering to the mammal a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
29. (New) The method of Claim 28 in which the medical intervention comprises treatment with erythropoietin, treatment by blood transfusion, or treatment with one or more hemoglobin-based blood substitutes.
30. (New) A method for treating a condition in a mammal associated with a low NO:hemoglobin ratio in red blood cells, said method comprising administering to the mammal a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
31. (New) The method of Claim 30 in which the condition is systemic hypertension, pulmonary hypertension, stroke, myocardial infarction, sickle cell disease, sepsis, thalassemia, polycythemia, a congenital disorder of red blood cells, coronary disease, or a hypoxic condition.

32. (New) A method for treating pulmonary hypertension in a mammal, comprising administering to the mammal a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
33. (New) A method for treating sickle cell disease in a human, comprising administering to the human a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
34. (New) A method for increasing coronary blood flow in a mammal, comprising administering to the human a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
35. (New) A method for treating a hypoxic condition in a mammal, comprising administering to the human a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.
36. (New) A method for raising NO:hemoglobin as SNO in red blood cells in a mammal to a desirable value, comprising administering to the mammal a therapeutically effective amount of a liquid solution comprising NO, a liquid solution comprising an inorganic nitrite, a liquid solution comprising an organic nitrite, or a liquid solution comprising a donor of biologically active NO.